MR Form 3
(Revised 1984)

ANNUAL OPERATIONS AND PROGRESS REPORT

From Month/Year 1/85
to Month/Year 1/86

(To be submitted for each mining operation at the end of each calendar year to the Division at this address:)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
(801) 538-5340

OPERATOR: Hecla Mining Company MINE NAME: Small Fry Mine

ADDRESS: P.O. Box 320
Wallace, Idaho 83873

PERMIT NUMBER AND DATE OF PERMIT: ACT/037/022 January 15, 1980

REPRESENTATIVE: Colleen D. Kelley

SECTION(S): 33, 3, 26 TOWNSHIP(S): 29S,30S,29½S RANGE(S): 24E,24E, 24E

MINERAL(S) MINED: uranium ore

STATE AND/OR FEDERAL MINERAL LEASE NUMBERS: N/A

SPECIAL USE PERMITS AND/OR RIGHTS-OF-WAY: N/A

Section 40-8-15 and Rule M-8 of the Utah Mined Land Reclamation Act, requires each operator to include with this report an up-dated map and plan prepared in accordance with Rule M-3, as outlined in the requirements for annual report maps in Appendix I, providing a detailed status of all mining and reclamation activities which have occurred during the past year.

The report should include:

MINING:

(a) Tabulation of acreage disturbed (by pits, roads, facilities, etc.) during the report period with illustration on a current map.

Disturbance	Acreage
Pit	
Roads	
Facilities	
Waste Dumps	
Other	no acreage disturbed in 1985

(b) Tabulation of acreage affected to date (by years).

Date by Year	Acreage (Total
1975	
1976	
1977	
1978	
1979	
1980	
1981	
1982	
1983	total disturbed acreage 1975-1978 is approximately 6 acres

(c) Tabulation of all topsoil (new) stockpile volumes (see chart below) and date of stockpiling.

SOIL TABULATION CHART

No topsoil has been stockpiled

Area Affected (in mining sequence) (If more space is needed, please attach.)	Area 1	2	3	etc.
Acreage of Area				
Depth of Topsoil Removal (inches)				
Depth of Topsoil Replacement (inches)*				
Estimate of Topsoil Volume Salvaged (yd^3 or ac ft)				
Volume Actually Salvaged (yd^3 or ac ft)				
Volume Required for Reclamation (yd^3 or ac ft)				
Surplus or Deficit Volume (yd^3 or ac ft)				
Storage Status (short- or long-term)				

Soil Tabulation Chart (continued)

Area Affected (in mining sequence)	Area 1	2	3	etc.
Storage Location				
Area Where Soil Has Been Used (if not stored)				
Running Total (all stockpiles) (yd^3 or ac ft)				
Short-term				
Long-term				

*Of previously stripped area recently reclaimed.

(d) Tabulation of all (newly removed) out-of-pit spoil volumes, date of placement and illustration on a map.

Area	Date	Acreage
Uranium Ore Stockpile		Approximately 8,000 tons of ore were removed during 1985 for a milling test

(e) Tabulation of quantity of commodity mined.

	Commodity	Tonnage
(Mined)	Uranium Ore	161,043 tons
(Milled)	Uranium Ore	approximately 8,000 tons

(f) Description of any new construction during the report period with illustration on a map, including, but not limited to:

1. Buildings and support facilities.

None

2. Roads.

None

3. Diversion ditches, collector ditches, interceptor ditches, etc.
None

4. Culverts.
None

5. Sediment ponds, containment ponds.
None

6. Monitoring sites (vegetative, air quality, surface subsidence, surface water or ground water, etc.).
None

7. Topsoil stockpiles.
None

(g) Description of any environmental problem areas with a proposed plan for mitigation and illustration on a map, including, but not limited to:

1. Pit stability problems.
N/A

2. Subsidence.
Unknown

3. Accidental water discharge, dam failure, etc.

None

4. Slumping, sliding or erosion.

Some erosion of the ore stockpile has occurred. This will be corrected by removal of the stockpile during 1985 and 1986.

5. Revegetation problem areas.

None

6. Existence and location of unsuitable (toxic) overburden.

N/A

RECLAMATION:

(a) Tabulation of the acreage reclaimed during the report period with illustration on a map, distinguishing between:

1. Backfilled, graded and contoured areas.

Area	Acreage

No reclamation was conducted during 1985. Reclamation is periodically conducted on drilling sites. Exploration drilling is expected to be conducted in 1986.

2. Topsoiled areas.

Area	Acreage

No area has been topsoiled.

3. Seeded areas.

Area	Acreage
None	

4. Reseeded areas (areas previously seeded, then seeded again).

Area	Acreage

(b) Tabulation of total acreage reclaimed (seeded with permanent seed mix) to date by years with illustration on an updated map:

Year	Acreage
1975	no reclamation conducted
1976	
1977	
1978	
1979	
1980	
1981	
1982	
1983	
1984	

(c) Description of the reclamation procedures used during the report period, including: none

1. Average depth of topsoil applied.

2. Type of seed (species) used for seeding during the report period.

3. Date of seeding during the report period.

Spring _____

Fall _____

4. Seeding procedures used.

(Hand broadcast or drilled or any other).

5. Rate of seed application.

Pounds Per Acre of Pure Live Seed (PLS) (if varied, please explain)

6. Type and rate of fertilizer applied.

7. Type and rate of mulch applied.

8. Rate of irrigation water applied, if any. Please describe any type of sprinkling, or water applied (water truck, etc.).

9. Revegetation test plot information.

(Cover, density, productivity, etc.)

Revegetation test plot was never established.

10. Soil analysis results.
Very little topsoil at the site. Soil has a pH of 7.6

(d) Description of results of previous revegetation efforts, including: (This should be done as applicable.) unknown

1. Types (species) of seed that have germinated and are growing.

2. Types (species) of seed that are not growing successfully.

3. Areas experiencing problems with weeds and weed types.

4. Significant erosional problems.

5. Areas of unsuitable overburden on the surface as related to revegetation failure.

6. Procedures used or proposed to correct these problems.

7. Acreage and dates of release (upon inspection by the State) of revegetated areas.

Area	Date	Acreage

8. Results of soil analysis.

(e) Summarization of the reclamation costs incurred during the report period, including itemized costs for each operation (i.e., grading, topsoil replacement, seeding, etc.) and for each type of disturbance (i.e., spoil, haul roads, facilities removal, etc.) on a per acre basis.

No reclamation was conducted during 1985.

	Acres	Cost/Acre
1. Grading		
2. Backfilling		
3. Contouring		
4. Topsoil Replacement		
5. Seeding		
A. Seedbed Preparation		
B. Mulch		
C. Fertilizer		
D. Seed		
6. Other		

BOND INFORMATION:

A. An updated bond estimate should be included, if required in the Division's approval of the Mining and Reclamation Plan (MRP) or if changes to the MRP have occurred, including a detailed itemization of actual/estimated reclamation costs as outlined in the RECLAMATION section above. The date of the release of revegetated areas from further responsibility for a partial bond release, if applicable, should also be included.

	Amount	Type	Date Posted
Present Bond	$19,900	reclamation contract and corporate guarantee	10/24/79

Increased disturbance, if any:

Increased Bond Amount (attached reclamation estimate).

B. Bond release.

Acres	Bond Amount Released	Date

ADDITIONAL INFORMATION:

Supply any additional information as requested by the Division related to:

(a) Permit stipulations (status).
(b) Other special conditions (status).

APPENDIX I

ANNUAL REPORT MAPS

1. Maps must be clear and legible contour maps or recent aerial photos. The scale should be 1 inch = 500 feet to adequately show topographic features.

2. Map sheets should be of a reasonable size, not to exceed 48 inches on a side.

3. Maps must have a title block with:

   A. Map title.
   B. Name and address of permittee.
   C. Permit and amendment numbers.
   D. Annual report period.
   E. Scale, north arrow, contour interval, date of photography, etc.

4. All maps must show:

   A. Legal subdivisions.
   B. Permit area boundary clearly shown and labelled.
   C. Amendment areas clearly shown and labelled.
   D. Contour features.

5. The following features should all be clearly identified:

   A. Topsoil stockpiles (numbered and with volumes).
   B. Settling ponds and sediment control structures.
   C. Haul roads.
   D. Pits identified by location, name, number, etc.
   E. Ramps (numbered).
   F. Out-of-pit spoil dumps.
   G. All waste disposal sites including, but not limited to:
      1. Landfill sites.
      2. Carbonaceous waste dumps.
   H. Diversion ditches.
   I. Monitoring sites.

6. All areas to be affected by mining and reclamation in the coming year should be outlined and labelled.

File ACT/037/022

Dave what

Hecla Mining Company

March 14, 1986

RECEIVED
MAR 20 1986
DIVISION OF
OIL, GAS & MINING

Ms. Pamela Grubaugh-Littig
State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Dear Ms. Grubaugh-Littig:

Enclosed is the Annual Report for the Small Fry property. During 1985, Hecla Mining conducted a test milling of the ore stockpiled at the Small Fry property in the Rio Algom mill. Tests were successful and Hecla Mining Company has now entered into an agreement with Rio Algom for processing of the remainder of the ore stockpiled at the site (approximately 150,000 tons). Removal of the ore on-site will commence immediately and continue throughout 1986 and into 1987. After removal of the ore stockpile, the ore storage site will be recontoured and seeded as required by the Mined Lands Reclamation Contract. Should you have any questions on the report, or this activity, please call me at (208)752-1251.

Sincerely,

Colleen D Kelley

Colleen D. Kelley
Environmental Supervisor

CDK:jr
Enclosure